miRNA	Screen phenotype	Vector	Forward primer	Reverse primer
let-7	None	pSS-DsRed	CCGGGTACCAGATCAACAGCGATCCATTAAACA	CCGTCTAGAAGTGGTGCAGTTCGATTGGGA
bantam	Loss of Or47b	pSS-DsRed	CCGGGTACCTCTCGTTCTTCGCTTCTCTGTGGT	CCGTCTAGAACCTTCGATTTCCCAGCCCCA
miR-2a-2	Loss of Or47b	pSS-DsRed	CCGGGTACCGGGGGACAGATGCATGCCACA	CCGTCTAGATGGCCAGTAGTCTCCAAGCACCA
miR-2a-1	None	pSS-DsRed	CCGGGTACCGACGCGATGCTCAAGGCAAAAA	CCGTCTAGAGTGGCATGCATCTGTCCCCCG
miR-2b-2	Lethal	pSS-DsRed	CCGGGTACCTCGTGTTGTAGTCTCGTCGTCGC	CCGTCTAGAAGCCCAGCATGAATGCGCCA
mir-3/309	None	pSS-DsRed	CCGGGTACCATTCGCGGAACAGCCCCGAC	CCGTCTAGAAGAGACCATACCGACATTCGCCA
miR-4/5/286	Lethal	pSS-DsRed	CCGGGTACCGCCACATCGTCGCAACTTCAAATCAA	CCGTCTAGAACAGCACAGCAACTATTCCCTCTACA
miR-6-1/6-2/6-3	Lethal	pSS-DsRed	CCGGGTACCAGGAAAATGAAAGTCAAAGTTGGCAGC	CCGTCTAGAAACCAACGTCTCATCAGTTTTTCCCA
miR-7	None	pSS-DsRed	CCGGGTACCACGCGTGATTAATTTGGAAGGAAAGGT	CCGTCTAGAGAGTTGGCGGCAGGATGGCA
miR-8	None	pSS-DsRed	CCGGGTACCTCGCCAAGGGGGCCAATGTT	CCGTCTAGAAAAACGCGTCGTTGTGCCGC
miR-11	None	pSS-DsRed	CCGGGTACCGTGTCACGCTGCAGGGCCTC	CCGTCTAGACAATTTTGAACTGATTCTCGTTGGCCG
miR-2c/13a/13b-1	None	pSS-DsRed	CCGGGTACCTGTGATGGTGTGTGTGCGTCG	CCGTCTAGATCGACGAGTGCAGGATAGATCCGTT
miR-13b-2	None	pSS-DsRed	CCGTCTAGAGGTCGGCGATCTTGGCCAGC	CCGGGTACCGCTCCGGCGAGCTCAAGTCC
miR-14	None	pSS-DsRed	CCGGGTACCGCCGTGGTTTCGCTTCGTGC	CCGTCTAGATCGGTCGAATGGCTGCTGCT
miR-31a	None	pSS-DsRed	CCGGGTACCACTCGAGGCAGCTAAGCGAA	CCGTCTAGACAAAAACTGTTCCACATTTTGCGAAT
miR-34	None	pSS-DsRed	CCGGGTACCGCCAGAAGGTGGCGCTCGAT	CCGTCTAGAGCGTCTGGTTGAGCAGTTGCC
miR-100	Lethal	pSS-DsRed	CCGGGTACCTCGGACAACAGAGCTTGCCC	CCGTCTAGATGTTTAATGGATCGCTGTTGATCTTCT
miR-125	None	pSS-DsRed	CGGGGTACCCCAGCCATACAAAAGTTGGTGGTGC	CCGTCTAGACCAATCAATCATAGGCAGTAGAACGGC
miR-133	None	pSS-DsRed	CCGGGTACCACCGTTTACAACAAAGGCGCGTA	CGGTCTAGAACCATATTTTGCATACACTCGCAGGC
miR-137	None	pSS-DsRed	CCGGGTACCAGCGAAAGGAATGCCCGCCG	CCGTCTAGATGTTTGTTACGTGCTATCGCATCC
miR-184	None	pSS-DsRed	CCGGGTACCGCTCCTCCGCCAGCTGTTGT	CCGTCTAGACACACTGAGCAGCCACATGGGA
miR-210	Loss of Or47b and Or92a	pSS-DsRed	CCGGGTACCTGGCCGCGTTTTAGCCTGGA	CCGTCTAGATGGCCACTTTGCGTTTGAAATGCT
miR-281-1	Lethal	pSS-DsRed	CCGGGTACCTGCCAAGTGGCGCGCAGTTTGTTGA	CCGTCTAGATCGCGGATCTGAAAGCGGA
miR-281-2	Lethal	pSS-DsRed	CCGGGTACCCGATGCGCTGTGAGGCA	CCGTCTAGAATCGGGCAGAGCAGCCGAGA
miR-289	None	pSS-DsRed	CCGGGTACCCCAGCCAGCCGTTCCAGTCG	CCGTCTAGAACGTGCTTTTCCCCCTGCCC
miR-306/79/9b	None	pSS-DsRed	CCGGGTACCGCAACATGCAGTTTGCAGACAATG	CCGTCTAGACATTGAGAACAAGTAACGCGAGAA
miR-375	Lethal	pSS-DsRed	CCGGGTACCCGTGGGGCCCCGATTCTTGG	CCGTCTAGAGGGTTCAGACCCACCCCCGA
miR-929	None	pSS-DsRed	CCGGGTACCGAGGGAGCGTCAGGAGGCCA	CCGTCTAGAGCTTCGGCGGCGAGTTCCTC
miR-932	Lethal	pSS-DsRed	CCGGGTACCATGTACGGTGGACTACAGAAAATGA	CCGTCTAGAAGTGGCCGGTGATGGTAATGT
miR-955	None	pSS-DsRed	CCGGGTACCTCCGACCAGTTAAAGAAACAAACTACA	CCGTCTAGATGGCTATTTGAATTGGGCTACAACC
miR-959/960/961/962	None	pSS-DsRed	CCGGGTACCTGGATAATGTGCCCAGTGGATGCT	CCGTCTAGAGGAGTCCTTTGTAGTGTATTGTCTGGT
miR-969	None	pSS-DsRed	CCGGGTACCCGCAGTGCCAGCATCTGGGAAA	CCGTCTAGAACAATGGGAACTAAAGTGCAATAAATG
miR-970	Lethal	pSS-DsRed	CCGGGTACCAGCGTTCAGCCCCAAGCCAC	CCGTCTAGAGCCCGATTTGTCGCCAATCGCTA
miR-971	Nearly Lethal	pSS-DsRed	CCGGGTACCGCAGCAGCCATCCACCAGCA	CCGTCTAGATCCTGTGGTGGTATCCCATTCCGA
miR-972	None	pSS-DsRed	CCGGGTACCAGTCTTGTCAATTCACCAGCATCGAA	CCGTCTAGATCCATTACTCGTAGAGCGAAAGGAGA
miR-973/974	Loss of Or47b	pSS-DsRed	CCGGGTACCCCTTTCGCTCTACGAGTAATGGA	CCGTCTAGATGGTAAAACAGGAAGTTCTTTATCACG
miR-975/976/977	None	pSS-DsRed	CCGGGTACCTGTACTTGTCGGCACTGGAGTACTAA	CCGTCTAGAAGGGAAGGCACTCGCGCACT
miR-978	Lethal	pSS-DsRed	CCGGGTACCACCGCAAACCCCGTAGCAGG	CCGTCTAGATGTGGACGTGGAAACGGAAACGG
miR-979	None	pSS-DsRed	CCGGGTACCTGAGGAACGATATCAGCAGTTGGGT	CCGTCTAGATGGCGTGGCCCCGATTTTTGA
miR-981	None	pSS-DsRed	CCGGGTACCCGTTTCTTGCCAAACCGGGTCCA	CCGTCTAGACCGACGATTCAAGGCAACCGGA
miR-982	None	pSS-DsRed	CCGGGTACCCATGTGTCGTCGCATCGAGAAGT	CCGTCTAGATGCAGCGTTATGCCATCCTTATCTCG
miR-983-1/983-2/984	None	pSS-DsRed	CCGGGTACCCGTCAACTCGGTGAGTGAATGGGA	CCGTCTAGAGAATGCGCCATTCAATGTCTATCTGA
miR-988	None	pSS-DsRed	GCGGCCGCTGGTATGAGGCTGACAAGCGTCG	GAGCTCGCAGCACATTGCACTCGCCC
miR-985	None	pSS-DsRed	CCGGGTACCTGGCCCAGTTTATTAGTGAATTGTGTG	CCGTCTAGAGCTTTTGGCTTTTATGTTTAC
miR-986	None	pSS-DsRed	CCGGGTACCTGGCCCTACCACTGCTGCTG	CCGTCTAGAACACAACACAAATCAAAGCCTCGTCA
miR-987	None	pSS-DsRed	CCGGGTACCGCAACCGCGTCGACAATCGC	CCGTCTAGATGTGTGGAAAATCAGTTTGAATGC
miR-989	Loss of Or92a	pSS-DsRed	CCGGGTACCGACTTCAGGTGCAGCAA	CCGTCTAGAAGTCCGCAAAAACATATAAAATGC
miR-990	None	pSS-DsRed	CCGGGTACCCCCCACTGACCGACTGACT	CCGTCTAGACCGGAATTACAGAGCCAAACCGCA
miR-991	None	pSS-DsRed	CCGGGTACCTCCCAAGTGCCTGGTATCAGCAAA	CCGTCTAGAGGTAAAAGACGGTTATGCCAATTTTGT
miR-993	None	pSS-DsRed	GGTACCTGGTTCTGTTCTGTGCGCGA	TCTAGAACGAGAACTGAACTCGTGCGTCT
miR-994	None	pSS-DsRed	CCGGGTACCCGCCAATTGCCGGGATCAGC	CCGTCTAGAAAACCGAAGGACCTTTTCATCCAGG
miR-995	Loss of Or47b and Or92a	pSS-DsRed	GCGGCCGCCGCGCCGAAAAGATTGGCGA	GAGCTCAGCAGGGAGATCTCTCGAATGGC
miR-996	None	pSS-DsRed	CCGGGTACCAAGCCCCAAACGGAAAACCCA	CCGTCTAGATAGTTGCTGCTGCTGCCGGG
miR-997	None	pSS-DsRed	CCGGGTACCTCCACCGAGCAGCTTGGACA	CCGTCTAGAACCGATTCAGCTCACGCGAAAGT
miR-998	None	pSS-DsRed	CCGGGTACCACCACCCAACCGACAACCCT	CCGTCTAGATTCTGCAGTTCGGGGCTGGG
miR-999	None	pSS-DsRed	CCGGGTACCCCCCGCCGATGCGACATCAT	CCGTCTAGAGTTGCGGTCCGGCCGTCTTC
miR-1000	None	pSS-DsRed	CCGGGTACCCGTACCTCGAAAGCGGGCCA	CCGTCTAGAATGGACGAGCTCCTGGGTGC
miR-1001	Loss of Or47b and Or92a	pSS-DsRed	CCGGGTACCTCAACCGAACACAAACCGAACTCA	CCGTCTAGAACCGTCCTCAGGGTCGGA
miR-1002	Lethal	pSS-DsRed	GGTACCACAGGCGTATTCTTCAGCGTCAAT	TCTAGACAAGAGCATCCGCACGGGCT
miR-1003	None	pSS-DsRed	CCGGGTACCGAGTTCTGGCGGTGGCGGAC	CCGTCTAGATGCTGTGTTTCCGGCGGTGG
miR-1004	None	pSS-DsRed	CCGGGTACCGGACTCTCAGCCCGTTGGCG	CCGTCTAGATCACCTGCTTTCGTGCCACCAGCC
miR-1005	None	pSS-DsRed	CCGGGTACCTCGCACGTGATCGTTGGAGCC	CCGTCTAGAAGCACGAACATCGAGACCCGC
miR-1007	None	pSS-DsRed	CCGGGTACCACGGCGTGGGCATCACATCG	CCGTCTAGAAGCAGAAGGAGCTTGTTGCGCC
miR-1008	None	pSS-DsRed	CCGTCTACCTCGCGTCCCGCCAATTTCCC	CCGTCTAGAGTTTGCGATCCGCCGGCAAC
miR-1009	None	pSS-DsRed	CCGGGTACCATGCTGCTCTGCCGAGTCCT	CCGTCTAGAAGCTGCAGCGCAAAATGCGT
miR-1010	None	pSS-DsRed	CCGGGTACCGCTGCCGGAGCAGCGAATGA	CCGTCTAGAGGTGCGCCATTCATGGAAATCGT
miR-1011	None	pSS-DsRed	CCGGGTACCGCGCGTGGAGACGGCCATTA	CCGTCTAGATTCCGCCCGCTGATGTGCTG
miR-1012	None	pSS-DsRed	CCGGGTACCAGTTGCAGAGTGGGCGACACA	CCGTCTAGAGACCCGCGAACTCCGGATGG
miR-1013	None	pSS-DsRed	CCGGGTACCGCACGGGATTCCGATGGACGC	CCGTCTAGATTGGCCAGAAAGGGCGGCTG
miR-1015	None	pSS-DsRed	CCGGGTACCCCGGCGAGCACTGCGACTAC	CCGTCTAGAGGGAATTGCTTTTGGTGACTTACCGGA
miR-1016	Lethal	pSS-DsRed	CCGGGTACCCGAGGAGCTCGCCGATCCTG	CCGTCTAGACATCTCGACCAGACTCGCGCA
miR-1017	None	pSS-DsRed	CCGGGTACCACGGCTCCATCAACGGGGCT	CCGTCTAGACTCGCCAGAATCGGCGGGC
miR-2279	None	pSS-DsRed	CCGGGTACCTGCAGTTGGAGTCGATGATAAAGTCG	CCGTCTAGATCGGTTGACGCCTTCGGACT
miR-2280	None	pSS-DsRed	CCGGGTACCTGCCTGCAGTTCCATGGGCG	CCGTCTAGACCAAGAGCTCGGTCAAACGGCA
miR-2282	None	pSS-DsRed	CCGGGTACCCTCAAGACGGGCCCACGCAG	CCGTCTAGACGTGTCACGAACACACCCCCA
miR-2283	None	pSS-DsRed	CCGGGTACCAGTTTGCGACGCCCATTGGTGA	CCGTCTAGAAGCATTGGCAAGCCATTTACCGA
miR-2281	None	pSS-mCherry	GCGGCCGCGAATGGCGCTGGAGGAGCGT	GAGCTCTGCCACATCGGGCAGCTGAA
miR-2491	Loss of Or47b	pSS-mCherry	GGTACCATGAACAGAAGTGTGAACGTGATTGGT	TCTAGAATGGTGAGTGCCACCCGCAC
miR-2492	None	pSS-mCherry	GGTACCAGGGGTTAAAGGGGCGGGCT	TCTAGAGGTCAAACCCGATGACGATGATGA
miR-2494	None	pSS-mCherry	GGTACCGGTGCATGACATCGCAGAGCG	TCTAGAGGGGGCGTCGTGACCTTTCC
miR-2495	None	pSS-mCherry	GGTACCTGTTGCATCGTGAGGCATCTTAGCTC	TCTAGAGCTCGCCGCACTCCACTACG
miR-2496	None	pSS-mCherry	GGTACCGGTTGAAATGCGCTAATGGGGCG	TCTAGAGCACACACACAGCATACACACACA
miR-2497	None	pSS-mCherry	GGTACCTGCTGGAGGACCAGAGTCCTGT	TCTAGACCTCTCCGCTCAGCATTGGCA
miR-2499	Lethal	pSS-mCherry	GGTACCGTGCTGCCACTTGCTGGCGA	TCTAGAAGCGAACACAGCCGCACACG
miR-2500	Lethal	pSS-mCherry	GGTACCTGGGCAGGAGGCAGGCCAAT	TCTAGACGGCGAAGGAGAGTAGGTCGC
miR-2501	Lethal	pSS-mCherry	GGTACCACGATGCGGTGCCCAGACAG	TCTAGAAGGCAAACCATTGAACGTCCGCT
miR-1	None	pUAST-DsRed		
miR-5	None	pUAST-DsRed		
miR-9a	None	pUAST-DsRed		
miR-10	None	pUAST-DsRed		
miR-12/283/304	None	pUAST-DsRed		
miR-33	Loss of Or47b	pUAST-DsRed		
miR-79	None	pUAST-DsRed		
miR-87	None	pUAST-DsRed		
miR-92a	None	pUAST-DsRed		
miR-92b	Lethal	pUAST-DsRed		
miR-124	None	pUAST-DsRed		
miR-219	Lethal	pUAST-DsRed		
miR-252	None	pUAST-DsRed		
miR-263a	Loss of Or47b	pUAST-DsRed		
miR-263b	None	pUAST-DsRed		
miR-274	None	pUAST-DsRed		
miR-276a	None	pUAST-DsRed		
miR-276b	None	pUAST-DsRed		
miR-277	Loss of Or92a	pUAST-DsRed		
miR-278	None	pUAST-DsRed		
miR-279	None	pUAST-DsRed		
miR-280	None	pUAST-DsRed		
miR-282	None	pUAST-DsRed		
miR-283	Lethal	pUAST-DsRed		
miR-284	None	pUAST-DsRed		
miR-285	None	pUAST-DsRed		
miR-286	None	pUAST-DsRed		
miR-287	None	pUAST-DsRed		
miR-288	None	pUAST-DsRed		
miR-303	None	pUAST-DsRed		
miR-304	None	pUAST-DsRed		
miR-305	None	pUAST-DsRed		
miR-307a	None	pUAST-DsRed		
miR-308	Loss of Or47b	pUAST-DsRed		
miR-309	Loss of Or92a	pUAST-DsRed		
miR-310	Lethal	pUAST-DsRed		
miR-310/311/312/313	None	pUAST-DsRed		
miR-311	None	pUAST-DsRed		
miR-312	None	pUAST-DsRed		
miR-313	None	pUAST-DsRed		
miR-314	Loss of Or92a	pUAST-DsRed		
miR-315	None	pUAST-DsRed		
miR-317	None	pUAST-DsRed		
miR-318	None	pUAST-DsRed		
miR-iab-4	None	pUAST-DsRed		

Note: All pUAST-DsRed vectors were obtained from the Drosophila RNAi Screening Center and modified by inserting a minimal attB site.